

## DATASHEET

# CROT Rabbit Polyclonal Antibody

CAT. NO. APA14412

### KEY FEATURES

Target	CROT	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

### BACKGROUND

Beta-oxidation of fatty acids. The highest activity concerns the C6 to C10 chain length substrate. Converts the end product of pristanic acid beta oxidation, 4,8-dimethylnonanoyl-CoA, to its corresponding carnitine ester.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000
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\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

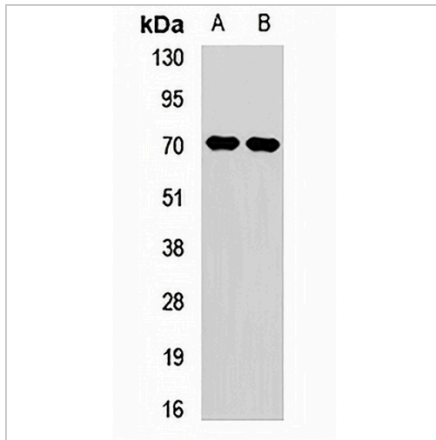
Description	Rabbit polyclonal antibody to CROT
Specificity	Recognizes endogenous levels of CROT protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CROT
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 10; Observed: 70 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	COT; Peroxisomal carnitine O-octanoyltransferase; COT
Gene Symbol	CROT
Entrez Gene	54677(Human); 74114(Mouse)
SwissProt	Q9UKG9(Human); Q9DC50(Mouse)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of CROT expression in HepG2 (A), A549 (B) whole cell lysates.  
(Predicted band size: 10; 70; 73 kD; Observed band size: 70 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.